

 FULL JSON OUTPUT (copy from here if file download fails):

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{
  "summary": {
    "total_cases": 10,
    "single_accuracy": 70.0,
    "medpanel_accuracy": 90.0,
    "improvement": 20.0,
    "devils_advocate_saves": 2,
    "devils_advocate_impact_percent": 20.0
  },
  "by_difficulty": {
    "easy": {
      "count": 3,
      "single_accuracy": 66.7,
      "medpanel_accuracy": 100.0,
      "improvement": 33.3
    },
    "medium": {
      "count": 3,
      "single_accuracy": 66.7,
      "medpanel_accuracy": 66.7,
      "improvement": 0.0
    },
    "hard": {
      "count": 4,
      "single_accuracy": 75.0,
      "medpanel_accuracy": 100.0,
      "improvement": 25.0
    }
  },
  "detailed_results": [
    {
      "case_id": 1,
      "case_summary": "65 year old male. Persistent cough for 6 weeks. Night sweats, 8kg weight loss ov",
      "ground_truth": "Tuberculosis",
      "difficulty": "hard",
      "single": {
        "correct": true,
        "time": 15.12,
        "response": "Based on the provided clinical case, the primary diagnosis is **reactivation tuberculosis (TB)**.\\n\\n**Reasoning:**\\n\\n* **Persistent cough:** A hallmark symptom of TB.\\n* **Night sweats:** Another common symptom of TB.\\n* **Weight loss:** Suggests a",
      }
    }
  ]
}
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    "error": null
  },
  "medpanel": {
    "correct": true,
    "diagnosis": "Tuberculosis (TB)",
    "confidence": 95,
    "escalated": true,
    "time": 64.04,
    "error": null
  },
  "devils_advocate_helped": false
},
{
  "case_id": 2,
  "case_summary": "45 year old female. Severe headache for 3 days. Fever 39\u00b0C, stiff neck, photopho",
  "ground_truth": "Meningitis",
  "difficulty": "hard",
  "single": {
    "correct": true,
    "time": 4.34,
    "response": "Based on the clinical presentation of a 45-year-old female with severe headache for 3 days, fever (39\u00b0C), stiff neck, photophobia, and confusion, the primary diagnosis is **Meningitis**.",
    "error": null
  },
  "medpanel": {
    "correct": true,
    "diagnosis": "Meningitis (bacterial or viral)",
    "confidence": 90,
    "escalated": true,
    "time": 62.76,
    "error": null
  },
  "devils_advocate_helped": false
},
{
  "case_id": 3,
  "case_summary": "30 year old male. Sudden onset crushing chest pain radiating to left arm. Sweati",
  "ground_truth": "Myocardial Infarction",
  "difficulty": "easy",
  "single": {
    "correct": true,

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    "time": 1.51,
    "response": "Primary Diagnosis: **Acute Myocardial Infarction (AMI)**",
    "error": null
  },
  "medpanel": {
    "correct": true,
    "diagnosis": "Acute Coronary Syndrome (ACS)",
    "confidence": 90,
    "escalated": true,
    "time": 53.4,
    "error": null
  },
  "devils_advocate_helped": false
},
{
  "case_id": 4,
  "case_summary": "55 year old female. Progressive dyspnea over 3 months. Chronic dry cough. Known ",
  "ground_truth": "Interstitial Lung Disease",
  "difficulty": "medium",
  "single": {
    "correct": true,
    "time": 15.88,
    "response": "Based on the information provided, the primary diagnosis is **Interstitial Lung Disease (ILD)**.\n\n**Reasoning:**\n\n* **Progressive dyspnea:** This is a hallmark symptom of ILD.\n* **Chronic dry cough:** Also a common symptom of ILD.\n* **Rheumatoi",
    "error": null
  },
  "medpanel": {
    "correct": true,
    "diagnosis": "{\n  \"raw_response\": {\n    \"primary_diagnosis\": \"Interstitial Lung Disease (ILD)\",\n    \"differential_diagnoses\": [\n      \"Rheumatoid Lung Disease\", \n      \"He",
    "confidence": "N/A",
    "escalated": false,
    "time": 73.87,
    "error": null
  },
  "devils_advocate_helped": false
},
{
  "case_id": 5,
  "case_summary": "70 year old male. Confusion and lethargy for 2 days. Blood sugar 35 mg/dL. Histo",
  "ground_truth": "Hypoglycemia",

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"difficulty": "easy",
"single": {
  "correct": true,
  "time": 1.11,
  "response": "Primary Diagnosis: **Hypoglycemia**",
  "error": null
},
"medpanel": {
  "correct": true,
  "diagnosis": "{\raw_response': '{\n  \"primary_diagnosis\": \"Hypoglycemia due to insulin
overdose or missed/delayed meals\",\\n  \"differential_diagnoses\": [\n    \"Infec\",
  \"confidence\": \"N/A\",
  \"escalated\": false,
  \"time\": 61.94,
  \"error\": null
},
\"devils_advocate_helped\": false
},
{
  \"case_id\": 6,
  \"case_summary\": \"22 year old female. Severe lower abdominal pain, right-sided. Fever,
nausea, ele\",
  \"ground_truth\": \"Ectopic Pregnancy\",
  \"difficulty\": \"hard\",
  \"single\": {
    \"correct\": false,
    \"time\": 14.2,
    \"response\": \"Based on the provided information, the primary diagnosis is
**Appendicitis**.\n\n**Reasoning:**\n\n*   **Severe lower abdominal pain, right-sided:** This is a
classic symptom of appendicitis.\n*   **Fever:** Suggests an inflammatory process.\n*
**Nausea:**\",
    \"error\": null
  },
  \"medpanel\": {
    \"correct\": true,
    \"diagnosis\": \"Ruptured Ectopic Pregnancy\",
    \"confidence\": 95,
    \"escalated\": true,
    \"time\": 67.87,
    \"error\": null
  },
  \"devils_advocate_helped\": true
},
{

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"case_id": 7,
"case_summary": "68 year old male. Progressive weakness in legs over 6 months. Difficulty walking",
"ground_truth": "Spinal Cord Compression",
"difficulty": "medium",
"single": {
  "correct": false,
  "time": 17.14,
  "response": "Based on the provided information, the primary diagnosis is **Spinal Stenosis**.\n\n**Reasoning:**\n\n* **Progressive leg weakness:** This is a hallmark symptom of spinal stenosis, where the spinal canal narrows and compresses the spinal cord and/or ne",
  "error": null
},
"medpanel": {
  "correct": false,
  "diagnosis": "Spinal Cord Compression",
  "confidence": 85,
  "escalated": true,
  "time": 58.73,
  "error": null
},
},
"devils_advocate_helped": true
},
{
  "case_id": 8,
  "case_summary": "35 year old male. High fever 40\u00b0C for 5 days. Recent travel to malaria-endemic r",
  "ground_truth": "Malaria",
  "difficulty": "medium",
  "single": {
    "correct": true,
    "time": 8.02,
    "response": "Based on the provided clinical case, the primary diagnosis is **Malaria**.\n\nThe combination of:\n\n* High fever (40\u00b0C) for 5 days\n* Recent travel to a malaria-endemic region\n* Headache, muscle aches, and shaking chills\n\nstrongly suggests malaria.",
    "error": null
  },
  "medpanel": {
    "correct": true,
    "diagnosis": "{\n  'raw_response': '{\n    'primary_diagnosis': 'Malaria',\n    'differential_diagnoses': [\n      'Influenza',\n      'Other infectious disease (e.g., dengue f",
    "confidence": "N/A",
    "escalated": false,

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    "time": 73.29,
    "error": null
  },
  "devils_advocate_helped": false
},
{
  "case_id": 9,
  "case_summary": "28 year old female. Sudden severe headache, worst of life. Started 1
hour ago du",
  "ground_truth": "Subarachnoid Hemorrhage",
  "difficulty": "hard",
  "single": {
    "correct": true,
    "time": 6.49,
    "response": "Primary Diagnosis: **Subarachnoid Hemorrhage
(SAH)**\n\nRationale:\n\nThe patient's presentation of a sudden, severe headache (\nworst of
life\n), onset during exercise, accompanied by neck pain, nausea, and vomiting, is highly
suggestive of a subarachnoid",
    "error": null
  },
  "medpanel": {
    "correct": true,
    "diagnosis": "{\n  'raw_response': '{\n    '\nprimary_diagnosis': '\nCerebral venous sinus
thrombosis (CVST)\n',\n    '\ndifferential_diagnoses': [\n      '\nSubarachnoid hemorrhage (S",
    "confidence": "N/A",
    "escalated": false,
    "time": 66.48,
    "error": null
  },
  "devils_advocate_helped": false
},
{
  "case_id": 10,
  "case_summary": "50 year old male. Right upper quadrant pain for 8 hours. Pain radiates to
should",
  "ground_truth": "Cholecystitis",
  "difficulty": "easy",
  "single": {
    "correct": false,
    "time": 14.58,
    "response": "Based on the provided clinical case, the primary diagnosis is **Biliary
Colic**.\n\n**Reasoning:**\n\n* **Right Upper Quadrant (RUQ) Pain:** This is a classic location
for gallbladder issues.\n* **Radiation to Shoulder:** This is a common symptom of b",
    "error": null
  }
}

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},
"medpanel": {
  "correct": true,
  "diagnosis": "Cholecystitis",
  "confidence": 85,
  "escalated": true,
  "time": 44.0,
  "error": null
},
"devils_advocate_helped": true
}
]
}
```

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✓ Benchmark complete!